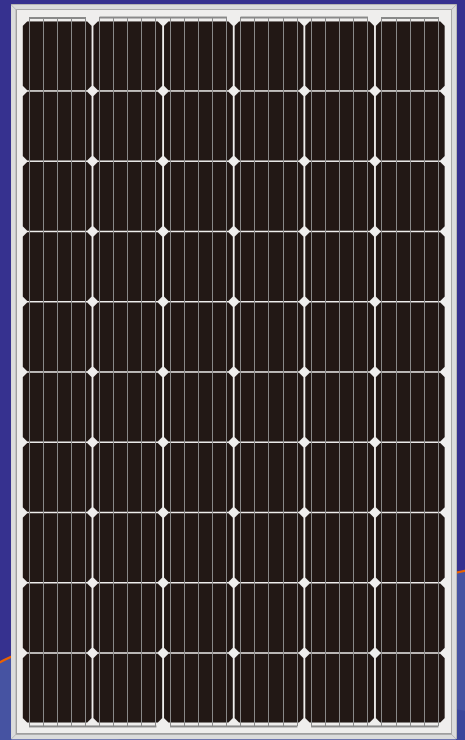


Standard PV Module

Mono

DHM60

295W-310W

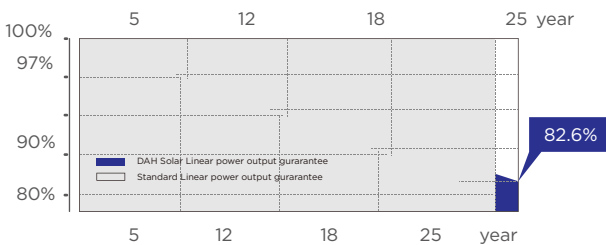


The Standard PV Module uses a passivated emitter and a back-domain contact cell to make a layer of aluminum oxide + silicon nitride on the back side of the regular cells, and then laser-opening the film. The film-opening part uses a special aluminum paste. Mono Perc modules currently have a power generation conversion efficiency of over 21%. Perc technology uses silicon nitride or aluminum oxide to form a passivation layer on the reverse side of the cells. As a back reflector, it increases the absorption of long-wave light, maximizes the potential difference between P-N poles, and reduces electron recombination, thereby improving cells efficiency.



QUALITY GUARANTEE

LINEAR POWER OUTPUT GUARANTEE



10 years 10-year material & technology warranty

25 years 25-year linear power output warranty






0~+5W

Positive Tolerance

18.96%

Max Module Eff.(%)

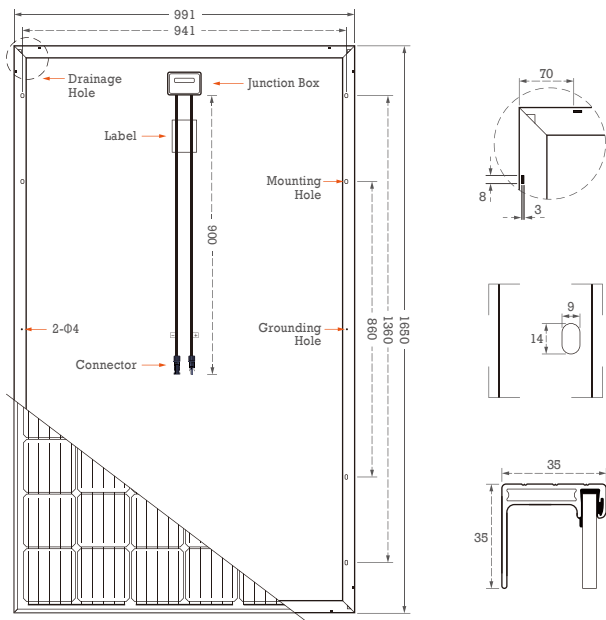
PRODUCT PERFORMANCE ADVANTAGE

-  Select Grade A crystalline silicon solar cells, high-power output with cost-effective
-  Preferred packaging materials and strict process technology, excellent PID free performance
-  Certified by Dust-Sand, Salt-Mist, Ammonia etc. weather resistance tests, strong environmental adaptability
-  Highly transparent coated tempered glass to increase light absorption and reduce power loss
-  Optimized frame design to improve PV module load capacity and appearance protection

Standard PV Module

DHM60 295W-310W

Design



Mechanical Specification

| | |
|-------------------|---|
| Cells Type | Mono 156.75×156.75mm |
| Weight | 18.5kg |
| Dimension (L×W×T) | 1650×991×35mm |
| Output Cables | TUV, Length 900mm, 4.0mm ² |
| No.of Cells | 60 (6×10) |
| Glass | 3.2mm High Transmission, Antireflection Coating |
| Junction box | IP68, 3 Bypass Diodes |
| Connector | QC4 |
| Packing | 30pcs/pallet, 400pcs/20GP, 924pcs/40HQ |

Operating Parameters

| | |
|------------------------------------|----------------|
| Maximum system voltage | 1000V/1500V DC |
| Operating Temperature | -40 ~ +85℃ |
| Maximum series fuse rating | 20A |
| Snow load, frontside | 5400Pa |
| Wind load, backside | 2400Pa |
| Nominal operating cell temperature | 45℃±2℃ |
| Application level | Class A |

Electrical Characteristics(STC)

| Module Type | DHM60-295W | DHM60-300W | DHM60-305W | DHM60-310W |
|---------------------------------|--|------------|------------|------------|
| Maximum Power (Pmax) | 295W | 300W | 305W | 310W |
| Open-circuit Voltage (Voc) | 39.7V | 39.9V | 40.2V | 40.4V |
| Maximum Power Voltage (Vmp) | 32.5V | 32.7V | 32.9V | 33.1V |
| Short-circuit Current (Isc) | 9.55A | 9.64A | 9.72A | 9.83A |
| Maximum Power Current (Imp) | 9.08A | 9.19A | 9.28A | 9.37A |
| Module Efficiency (%) | 18.04% | 18.35% | 18.65% | 18.96% |
| Power Tolerance | 0-+5W | | | |
| Temperature Coefficient of Isc | 0.05%/℃ | | | |
| Temperature Coefficient of Voc | -0.32%/℃ | | | |
| Temperature Coefficient of Pmax | -0.41%/℃ | | | |
| Standard Test Environment | Irradiance 1000w/m ² , Cell temperature 25℃, Spectrum AM1.5 | | | |

Electrical Characteristics(NOCT)

| Module Type | DHM60-295W | DHM60-300W | DHM60-305W | DHM60-310W |
|-----------------------------|--|------------|------------|------------|
| Maximum Power (Pmax) | 220W | 224W | 227W | 231W |
| Open-circuit Voltage (Voc) | 36.9V | 37.1V | 37.2V | 37.5V |
| Maximum Power Voltage (Vmp) | 30.0V | 30.2V | 30.5V | 30.6V |
| Short-circuit Current (Isc) | 7.73A | 7.78A | 7.84A | 7.93A |
| Maximum Power Current (Imp) | 7.33A | 7.41A | 7.47A | 7.55A |
| Standard Test Environment | Irradiance 800w/m ² , Cell temperature 20℃, Spectrum AM1.5, Wind speed 1m/s | | | |